



PROJECT NUMBER

323666

BORING ID:

17C077

Sheet 1 of 2

SOIL BORING LOG

PROJECT: Beale AFB-Site 17 PRB, Phase 1 Drilling

LOCATION: South East Site 17

ELEVATION: 149.51

NORTHING: 2162161.81

EASTING: 6743488.35

DRILLING CONTRACTOR: Resonant Sonic International, Woodland, CA

DRILLING METHOD AND EQUIPMENT USED: Power Probe 9630 Direct Push

WATER LEVELS: 10.3 ft bgs

START: 8/17/2005 8:00:00 AM

END:

LOGGER: B. Moayyad

DEPTH BGS (ft)				STANDARD PENETRATION TEST RESULTS	CORE DESCRIPTION:	COMMENTS:
INTERVAL (ft)					SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
RECOVERY		TYPE-#				
		SS-Split Spoon ST-Shelby Tube		6-6-6 (in) (N)		
0	0-5	3.0/ 4.0'			SM - SILTY SAND (SM), brown (7.5YR 4/4), dry, medium density, - fine sand ~60-70%, 25% silty fines	PID = 0.0
1					-	
2					-	
3					-	
4					-	
5	5-10	2.0/ 4.0'			GW - WELL GRADED GRAVEL WITH SILT AND SAND (GW), gray (7.5YR - 6/1), dry, loose, 45% fine to medium subangular gravel, - ~40% medium to coarse sand, ~15% silty fines	
6					-	
7					-	
8		0/4.0'			GW -	
9					-	
10	10-14				GW - (SM?) - No recovery. Becomes soft and loose below 10 ft, no - recovery, likely silty sand	PID = 0.0. Water below 11 ft. Drilling becomes easy 10-14 ft
11					-	
12		2.0/ 4.0'			GW -	Silty sand in upper portion at 12-16 ft core
13					-	
14	14-16.5				GW - WELL GRADED GRAVEL WITH SAND (GW), gray (7.5YR 5/1), - saturated, loose, ~70% fine to medium gravel, ~28% coarse - subangular sand	
15					-	
16					-	
16.5-19		2.0/ 4.0'			SM - SILTY SAND (SM), brown (7.5YR 4/4), saturated, loose, - sticky, fine sand	9:49 Collect groundwater sample 17C077HP15 at 15-20 ft bgs. Gradational transition between 16 and 21 ft
17					-	
18					-	
19	19-21.5	2.5/ 4.0'			SC - CLAYEY SAND (SC), brown (7.5YR 4/4), saturated, loose/soft, - sticky, medium-grained sand, ~15% fines	PID = 0.0 (soil, air, water)
20					-	
21					-	
21.5-25					SW - WELL GRADED SAND (SW), brown (7.5YR 4/4), medium density, - ~95% fine to coarse sand, ~5% silty fines	PID = 0.0 (soil)
22					-	



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END:

LOGGER: B. Moayyad

DEPTH BGS (ft)				STANDARD PENETRATION TEST RESULTS	CORE DESCRIPTION:	COMMENTS:
	INTERVAL (ft)	RECOVERY	TYPE-# <small>SS=Spill Spoon ST=Shelby Tube</small>	6-6-6 (in) (N)	SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
23 -					-	
24 -					-	
25 -	0/4.0'				SW - Cobble? Bedrock?	Refusal at 25 ft bgs
26 -					-	